

FORM PTO-1449 (Rev. 2-32) SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 03-465-D (400/151)	Serial No. 10/826,966
		Applicant: McSwiggen et al.	
		Filing Date: April 16, 2004	Group: 1635

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	US-2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US-2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US-2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US-2003/0190635	07/25/02	McSwiggen et al.			10/09/03
	*	US-2003/0206887	09/16/02	Morrissey et al.			11/06/03
	*	US-2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US-2005/0020521	09/25/03	Rana, Tariq M.			01/27/05
	*	US-2005/0182005	05/13/04	Tuschl et al.			02/18/05
	*	US-2005/0227256	11/26/04	Hutvagner et al.			10/13/05

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	*	5,587,471	12/24/96	Cook et al.			
	*	5,998,148	12/07/99	Bennett et al.			

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	*	5,998,206	12/07/99	Cowsert			
	*	6,214,805	04/10/01	Torrence et al.			
	*	6,346,398	02/12/02	Pavco et al.			
	*	6,573,099	06/03/03	Graham et al.			
	*	6,824,972	11/30/04	Kenwick et al.			
	*	7,078,196	07/18/06	Tuschl et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	1.	08208687	08/13/96	JP (Hotoda et al.)				
	2.	03/044188	05/30/03	WO (Tei et al.)				
	3.	04/048566	11/21/03	WO (Saigo et al.)				
	4.	05/049821	11/18/04	WO (Naito et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	5.	Alexeev et al., "Localized in vivo genotypic and phenotypic correction of the albino mutation in skin by RNA-DNA oligonucleotide," <i>Nature Biotechnology</i> , 18:43-47 (2000)
	6.	Bayard et al., "Increased stability and antiviral activity of 2'-O-phosphoglycerol derivatives of (2'-5')oligo(adenylate)," <i>Eur. J. Biochem.</i> , 142(29):291-298 (1984)

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7.	Bellon et al., "4-Thio-oligo- β -D-ribonucleotides: synthesis of β -4'-thio-oligouridylates, nuclease resistance, base pairing properties, and interaction with HIV-1 reverse transcriptase," <i>Nucleic Acids Research</i> , 21(7):1587-1593 (1993)
8.	Bernstein et al., "The rest is silence," <i>RNA</i> , 7:1509-1521 (2001)
9.	Bitko et al., "Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA viruses," <i>BMC Microbiology</i> , 1:34 (2001)
10.	Braasch et al., "Novel Antisense and Peptide Nucleic Acid Strategies for Controlling Gene Expression," <i>Biochemistry</i> , 31:14, 4503-4510 (2002)
11.	Braasch et al., "RNA Interference in Mammalian Cells by Chemically-Modified RNA," <i>Biochemistry</i> , 42, 7967-7975 (2003)
12.	Caplen, Natasha J., "RNAi as a gene therapy approach," <i>Expert Opin. Biol. Ther.</i> , 3(4):575-586 (2003)
13.	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," <i>Science</i> , 309, 1529-1530 (2005)
14.	Czech, Michael P., "MicroRNAs as Therapeutic Targets," <i>The New England Journal of Medicine</i> , 354, 1194-1195 (2006)
15.	Elbashir et al., "Analysis of gene function in somatic mammalian cells using small interfering RNAs," <i>Methods</i> , 26:199-213 (2002)
16.	Hamasaki et al., "Short interfering RNA-directed inhibition of hepatitis B virus replication," <i>FEBS Letters</i> , 543:51-54 (2003)
17.	Holen et al., "Positional effects of short interfering RNAs targeting the human coagulation trigger Tissue Factor," <i>Nucleic Acids Research</i> , 30:8, 1757-1766 (2002)
18.	Hornung et al., "Sequence-specific potent induction of IFN- α by short interfering RNA in plasmacytoid dendritic cells through TLR7," <i>Nature Medicine</i> , 11, 263-270 (2005)
19.	Jen et al., "Suppression of gene Expression by Targeted Disruption of Messenger RNA: Available Options and Current Strategies," <i>Stem Cells</i> , 18:307-319 (2000)

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20.	Judge et al., "Sequence-dependent stimulation of the mammalian innate immune response by synthetic siRNA," <i>Nature Biotechnology</i> , 23(4):457-462 (2005)
21.	Mattick, John S., "The Functional Genomics of Noncoding RNA", <i>Science</i> , 309, 1527-1528 (2005)
22.	McCaffrey et al., "RNA interference in adult mice," <i>Nature</i> , 148, 38-39 (2002)
23.	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression," <i>J. Biol. Chem.</i> 268:14514-14522 (1993)
24.	Olie et al., "Analysis of ribosyl-modified, mixed backbone analogs of a bcl-2/bcl-xL antisense oligonucleotide," <i>Biochimica et Biophysica Acta</i> , 1576, 101-109 (2002)
25.	Schmidt et al., "Base and sugar requirements for RNA cleavage of essential nucleoside residues in internal loop B of the hairpin ribozyme: implications for secondary structure," <i>Nucleic Acids Research</i> 24:573-581 (1996)
26.	Sethupathy et al., "TarBase: A comprehensive database of experimentally supported animal microRNA targets," <i>RNA</i> , 12:192-197 (2006)
27.	Thomson et al., "Activity of hammerhead ribozymes containing non-nucleotidic linkers," <i>Nucleic Acids Research</i> 21:5600-5603 (1993) (MAY BE REFERRED TO AS THOMPSON)
28.	Vickers et al., "Efficient Reduction of Target RNAs by Small Interfering RNA and RNase H-dependent Antisense Agents," <i>Journal of Biological Chemistry</i> , 278, 7108-7118 (2003)
29.	Zhang et al., "Single Processing Center Models for Human Dicer and Bacterial RNase III," <i>Cell</i> , 118:57-68 (2004)

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